**PROF FINDER**

**COURSE REVIEW PLATFORM USING AI**

**Project Title**: Course Review Platform  
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**1. Project Overview**

The **Course Review Platform** allows users to browse, rate, and review various courses, helping prospective learners make informed decisions before enrolling. The platform aims to provide students and professionals with a space to share their experiences with both online and offline courses, rate them on various criteria, and interact with other learners to find the best courses suited to their needs.

**2. Business Needs**

* Users often face difficulties in identifying high-quality courses due to lack of centralized feedback.
* The need for a trusted platform where learners can share honest reviews and ratings to assist future students.
* Course administrators need a simple and efficient way to manage course listings and moderate reviews. The Course Review Platform aims to meet these needs by consolidating all the course review features into one platform, providing transparency and valuable insights for course selection.

**3. Functional Requirements**

**User Registration and Profile Management**

* Users must be able to register, log in, and update their profiles.
* Profiles should include name, email, courses taken, and a list of reviews written.

**Course Browsing**

* Users can browse courses across multiple categories (e.g., programming, data science, business).
* Ability to filter courses by rating, popularity, and price.

**Course Rating and Review**

* Users can rate courses based on content quality, instructor expertise, and course structure.
* Users should be able to leave written reviews, which can be edited or deleted.

**Search Functionality**

* Users should be able to search for courses by keyword, category, and ratings.

**Admin Interface**

* Admins can add, edit, or delete courses.
* Admins can moderate reviews, flag inappropriate content, and manage user reports.

**Notifications**

* Users should be notified of replies to their reviews or updates to course ratings.
* Email notifications for course updates and replies.

**4. Non-Functional Requirements**

* **Security**: All sensitive user data must be encrypted (e.g., passwords, email addresses).
* **Performance**: Search queries should return results within 2 seconds.
* **Scalability**: The system should be able to handle thousands of users and course listings.
* **Usability**: The platform should have an intuitive UI with a mobile-first design using Tailwind CSS.
* **Availability**: The platform should ensure 99.9% uptime with regular backups.
* **Maintainability**: The system architecture should follow modular practices to ensure easy maintenance and future upgrades.

**5. Project Scope**

**Included in Scope**:

* Course browsing with filtering options like category, rating, and popularity.
* User registration and profile management.
* Course rating and review functionality.
* Admin interface for managing courses and reviews.
* Search functionality for courses by keyword, category, and rating.
* Email notifications for updates and replies to reviews.

**Excluded from Scope**:

* Payment processing for course enrollment (this will be handled in a future phase).
* Course delivery (the platform will focus on reviews and ratings only, not content delivery).

**6. Success Criteria**

* **User Engagement**: Active reviews, ratings, and course enrollments.
* **Platform Stability**: Smooth browsing, rating, and review processes without performance issues.
* **Positive User Feedback**: High user satisfaction and useful feedback regarding course selection.
* **Admin Management**: Effective course and review moderation by administrators.
* **Testing**: 90% test coverage with low bug rates and minimal performance issues.
* **Launch Readiness**: Successful demo and project walkthrough.

**Purpose of this BRD**

* **Define Project Scope**: Clearly outline functionalities and limitations for all stakeholders.
* **Identify Business Needs**: Align project features with real-world problems.
* **Guide Solution Development**: Ensure alignment between the requirements and the technical implementation.
* **Facilitate Communication**: Keep all stakeholders aligned on project goals, timelines, and priorities.

**Benefits of this BRD**

* **Shared Understanding**: Establishes clear communication between technical and non-technical teams.
* **Prevent Scope Creep**: Helps reduce misunderstandings and unexpected changes.
* **Streamlined Development**: Clear requirements reduce ambiguity, resulting in efficient development.
* **Increased Success Rate**: Provides a higher chance of successful project delivery by addressing core business needs.